

## Agricultural Department.

### Varieties of Corn and Cotton for the South.

Close Attention to Scientific Selection by Each Farmer Would Double Yield of Corn and Produce Cotton That Would Bring From 5 to 10 Cents Above the Market.

Progressive Farmer.

The varieties of both cotton and corn now grown in the South are so numerous that the farmer finds considerable difficulty in determining the best varieties for planting under his soil, climatic and cultural conditions. One very serious obstacle in the way of the individual farmer in his efforts to secure the best variety for his use is the attitude of the farmer himself, or his failure to have a well fixed and clear understanding of those things which constitute a near approach to the perfect or ideal characteristics that should be possessed by the "best variety". A variety is anything but constant or unvarying quantity, for seeds of the same variety procured from different localities and grown on the same farm and same soil and treated as nearly alike as possible, may vary fifty or more per cent in yield. Varieties have strong tendencies toward variation among individual plants. These variations may or may not be desirable and the indiscriminate selection of seed or seed selection without due regard to the individual may increase in the progeny the tendency towards undesirable variation. On the other hand the most careful selection from individuals of one generation should not be expected to control in the next the good quantities serving as the basis for the selection, since in these selected individuals are tendencies inherited from hundreds of ancestors that were very far from the ideal. Selection for the upbuilding of a variety or strain must be continued through a number of years—should always be carried on—and there must be a fixed ideal closely followed. The development of a variety or strain of a variety is a product of the human mind expressed through a number of generations of plants.

NAME IS LITTLE—YIELD IS EVERYTHING.

Varietal names are of far less consequence than is supposed and the corn selected for growing a crop should be productive, uniform and adapted to the soil and climate where the corn is to be grown. The name of a variety may mean much of little. The farmer wishes a corn that will give him the greatest number of bushels rather than a variety with a popular name, and he wants a cotton that will from the lint produced upon an acre or a number of acres.

A very great number of cotton and corn variety tests have been conducted by the Southern Experiment Stations since their organization about twenty years ago, and with remarkable results

It is a difficult matter to draw conclusions from the results secured from the tests of cotton varieties. They seem to rise, culminate and decline. New varieties take the place of the older ones in many localities, and the newer ones take the place of these. The same seems to be true of corn varieties, though the elastic type represented by the Marlboro, Albemarle, Mosby and Blunt, stands highest in favor. The varieties of this type have two or more medium to small ears with grains short rather than long. The stalks are about the average in size for Southern corns and this type seems to be not only the favorite in the South but to excel in yield of corn. A variety of corn should be of local origin or at least grown locally for a length of time sufficient to insure thorough acclimation.

The writer once collected considerably more than one hundred samples of corn of a number of varieties from all over the corn growing section of the United States. Among these samples were five secured locally. Four out of these five were among the five samples that gave the highest yield. The best corn of the future will be a strain carefully bred and selected in the locality where the crop is to be grown. If each farmer should post himself as to the best methods necessary to the proper growing of seed corn and grow his own seed in accordance with accepted principles and practices, only a few years would pass until the South doubled its yield without increasing the area planted.

COTTON AT 20 CENTS A POUND.

The types of cotton now grown differ from the types more popular twenty years ago. The old Dixon, Peterkin, Zilner and Peerless types may continue under new names and bear evidences of improvement, but the varieties or strains of the future will be of longer staple and yield more per acre. Of the short staple varieties, the Toole, Texas Oak, Excelsior, Moss and others of this type are now popular in South Carolina, and for the past few years the Toole and Texas Oak have led at the South Carolina Experiment Station in point of yield. The long staple upland types are rapidly growing in popular favor and the prediction is believed to be well founded that the next few years will find the long staple upland cottons grown more than the short. These cottons have been developed so that the yield compares favorably with the best and they often bring a premium of from five to ten cents per pound more than the short staple types. Floradora lint has recently sold for twenty odd cents per pound above the market price. The type of cotton represented by the Floradora, Allen, Griffin, Sunflower and Blue Ribbon are the cottons of the future. The art of plant breeding will develop new and superior types and the mills will demand special staple qualities and characteristics.

There is now a growing tendency towards special farming

and one of the most inviting and profitable fields for specializing is to be found in the breeding or development of special qualities in corn and cotton. This necessarily demands superior knowledge and intelligence, as does the breeding of animals. Individuals and firms are establishing themselves as plant breeders throughout the United States, and when we realize that the most profitable strains of many of our plants are those of local origin or development, we will realize more from our efforts.

C. L. Newman.

Clemson College, S. C.

#### Given Up To Die.

B. Spiegel, 1204 N. Virginia St., Evansville, Ind., writes: "For over five years I was troubled with kidney and bladder affections which caused me much pain and worry. I lost flesh and was all run down, and a year ago had to abandon work entirely. I had three of the best physicians who did me no good and I was practically given up to die. Foley's Kidney Cure was recommended and the first bottle gave me great relief, and after taking the second bottle I was entirely cured." Why not let it help you? Funderburk Pharmacy.

#### Fatal Shooting in Wilmington.

Wilmington special in Charlotte Observer: M. H. Bryan, son of a former policeman, was shot and perhaps fatally wounded late this afternoon by T. N. Simmons, a carpenter. The men were around the polls in the fifth ward and had retired to a rear room in Hall's drug store. They had a drink together and then began jibing one another about which was the best man. One word brought on another and Bryan told Simmons that if he jumped on him, he had better make peace with his God or words to that effect; containing a veiled threat to snoop.

Simmons knocked Bryan down and the latter drew a pistol. Simmons drew his and fired upon Bryan, twice the ball entering Bryan's breast and the other grazing his head. Both ran out of the store and Simmons gave himself up. Bryan was found about two blocks from the scene of the shooting and sent to the hospital, where, it is stated, he cannot live. Bryan is unmarried. Simmons has a wife and 3 children.

#### Found At Last.

J. A. Harmon, of Lizemore, West Va., says: "At last I have found the perfect pill that never disappoints me; and for the benefit of others afflicted with torpid liver and chronic constipation, will say: take Dr. King's New Life Pills." Guaranteed satisfactory. 25c at Crawford Bros. and Funderburk Pharmacy, Druggist.

## Feed and Livery Stables

I have opened a first-class Livery Stable on French street, adjacent to the jail lot, and solicit the patronage of the public. My turnouts are stylish, up-to-date, and it will be my endeavor to please my customers. I will also run

#### Feed Stables

in connection with the livery and guarantee to give your stock the best attention if left at my stables.

Very respectfully,

Jas. T. Hunter



depends upon the life-long study and experience of the men who direct this business, and who mix a fertilizer which "makes three (often a dozen) blades of grass grow, where only one grew before." The name of it is

#### Virginia-Carolina Fertilizer.

By its very liberal use, a week or two before, or at planting, as well as second application, multitudes of farmers in the South have "increased their yields per acre" and with the larger profits which these increased yields brought, paid off the mortgage on their farms. Don't be fooled by any dealer into buying a "cheap" substitute.

#### Virginia-Carolina Chemical Co.

Richmond, Va. Atlanta, Ga.  
Norfolk, Va. Savannah, Ga.  
Durham, N. C. Montgomery, Ala.  
Charleston, S. C. Memphis, Tenn.  
Baltimore, Md. Shreveport, La.

To remove a cough you must get at the cold which causes the cough. There is nothing so good for this as Kennedy's Laxative Cough Syrup. The liquid cold relief that is most quickly effective, that stills and quiets the cough and drives out the cold. Sold by Crawford Bros.

## Livery, Livery!

Though doing a rattling good livery business, we are determined to do even better. Our present stocks of Vehicles and Horses are being supplemented by handsome new carriages and buggies and stylish

#### Driving and Saddle Horses.

Our livery establishment is going to be second to none in the State, and don't you forget it! Come or send to us when you want the best, up-to-date livery service.

#### HEATH-ELLIOTT MULE CO.

#### Bridge to Let.

The County Board of Commissioners of Lancaster and York counties will award to the lowest responsible bidder, March 20th, 1907, at 11 o'clock a. m., at the bridge site, the contract to build a steel bridge across Big Sugar creek near Fort Mill, S. C. The right to reject any or all bids is reserved.

L. J. Perry,

Supervisor Lancaster Co.

T. W. Boyd,

Supervisor York Co.

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in all the newest shapes of the season. We can please you.

## Williams-Hughes Co

CASH STORE.

#### "The Old Reliable."

## THE BANK OF LANCASTER, Lancaster, S. C.

CAPITAL.....\$50,000.00.  
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Loans made on Real Estate, at reasonable rates. Collections given prompt and careful attention. Interest allowed on time deposits. Your business solicited. The oldest, the largest and the strongest Bank in Lancaster county.